



CONSULTANCY
SYSTEM INTEGRATION
SERVICE & MAINTENANCE

TECHNOLOGY
IMPROVISED

CORPORATE
PROFILE

Overview

Our Clientele Innovation & Engineering Customer & Client Partnerships
What gives us the competitive edge...?

USPL Markets

Education Hotels & Tourism Corporates & Government
Public & Retail Areas Transportation

Applications:

LED Displays & Building Lighting Video Wall, Digital Signage
LED Lights Solar Energy Video Conferencing
Converged Network and Other Cabling Telecom,
EPABX & IP-PABX Security & Access Control
Interactive Digital KIOSK

OVERVIEW

Unique Services Pvt Ltd is a specialist system integration house focusing on low voltage technology . USPL is an equipment manufacturers' representative firm providing industry leading technical solutions to various government agencies like Airports Authority of India, Bharat Petroleum Corporation Ltd, Chennai Metro Rail Ltd, Ministry Of Defence, Indian Oil Corporation Ltd, Oil and Natural Gas Corporation Limited, New Mangalore Port Authority, Air India, IMD, Indian Airlines, IIT and many more .

Our backgrounds include engineering, marketing , sales management , procurement and maintenance of equipment used in today's buildings & facilities. Essentially , we specialize in bringing together component subsystems into a whole and ensuring that those subsystems function together with an objective to provide our customers with the most innovative and high return on investment products in *telecommunication, surveillance and LED display sector*.

OUR CLIENTELE

The end users of our technology are various public sector undertakings, educational institutes, hotel operators, marketing professionals , security professionals , airport operators , sports venues and government decision makers . These end users are using the latest technology to achieve their particular goals such as illustrating an idea or focusing on a particular event in a surveillance video.

INNOVATION & ENGINEERING

Unique Services started its operations in the service industry with the concept of third party maintenance of EPABX in the year 1988 ; this was not a familiar concept to users in India . Driven by our founder's passion for providing innovative engineering services and solutions , the portfolio of our organization compounded from service providers to system integrators . Unique Services has always led the bandwagon with the distinct advantage of a strong technical background which includes a pool of Engineers from India and abroad ; we focus on challenging yet exciting solutions that have the capacity to improve the utility of hardware and software based applications. The ultimate result of which is brand value creation for our shareholders.

CUSTOMER AND CLIENT PARTNERSHIPS

- Choosing Unique Services Pvt. Ltd as a marketing partner is a significant decision that we take very seriously. We believe in developing long lasting relationships with our clients built on repeated success and professionalism. We accomplish this by assuming a more comprehensive role in penetrating the government and PSUs for solutions that we provide from concept to commissioning.
- Over the years, we have partnered with several OEMs on a project to project basis which have included work from upgradations to maintenance to commissioning; basically bridging the gap between OEM and the end user.

WHAT GIVES US THE COMPETITIVE EDGE...?

- Location in a city that offers diversified national & international pool of talents in engineering and marketing.
- Strong commitment to ongoing technological development.
- Global approach to communication.
- Brand name recognition. Proven operation system.
- Enormous growth potential.
- Good Marketing program. Low fixed overheads.
- Commitment to a sustainable future.

The logo for USPL Markets is a circular emblem composed of several overlapping, curved lines in shades of gold and brown, creating a sense of motion and depth. The text "USPL MARKETS" is centered over this emblem in a bold, dark teal font.

USPL MARKETS

EDUCATION

The education market is a very important part of our client base . Primarily focussed on audio visual tools for illustration , collaboration and cutting - edge research. Educators , researchers and performing arts have worked with us to insure their own customized systems based on the following subsets.

- ❖ Interactive boards and overlays – For illustrating on lessons in real-time.
- ❖ Video Conferencing Solutions – For interviewing & collaboration.
- ❖ Conference Systems and Translation Systems – Board meetings.
- ❖ Class Capture (Class Recording Systems) – For playback of lessons online.
- ❖ Digital Signage – Campus awareness and digital notice boards.
- ❖ Lecture Theatre Systems – For delivering presentations clearly.
- ❖ Conference Rooms – AV for day to day meetings.
- ❖ Surveillance – For day and night time security.
- ❖ LED Scoreboards – For sports facilities.
- ❖ Wired & wireless networks – IP connectivity has wider applications.
- ❖ Public Address – Public announcements.
- ❖ Back Ground Music Systems – The right atmosphere in gym and cafeterias.
- ❖ Self Service Kiosks – For way finding and facility information.



HOTELS & TOURISM

Hotels , resorts and theme attractions all form part of the hospitality and tourism offering , for which we use our design and implementation services to provide entertainment and business technology, with systems like :

- ❖ Audio Visual Systems for Ballrooms – Sound & video for events.
- ❖ Back Ground Music – Create ambiance in restaurants & lobbies.
- ❖ Digital Signage/LED Kiosk – Display the days events and promote the hotel.
- ❖ Broadcast Pre-wire Systems – Put in the cables to make broadcasting from the location more efficient.
- ❖ Surveillance – Secure the hotel and provide footage for investigations.
- ❖ Access Control – Manage access to hotel rooms and other areas.



CORPORATES & GOVERNMENT

As government and corporations go about their business activities, training, researching, promoting initiatives, keeping their organizations compliant , procuring , developing ideas and participating in worldwide activities they all use some various parts of the following technology:

- ❖ Video Conferencing – travel-less communication and collaboration.
- ❖ Boardroom and Chief Office Technology – impressive presentations.
- ❖ Digital Signage – Tailored public information.
- ❖ IPTV – Personalized and public TV on the IP network.
- ❖ Auditoriums - Address the masses.
- ❖ Converged Networks & Telephony– communicate and control.
- ❖ Access Control and Surveillance – secure the premises.
- ❖ Training Rooms – standard and workgroup training rooms.



PUBLIC & RETAIL AREAS

Public spaces like shopping malls , sports arenas , places of worship, hotel lobbies and airports all require clever audio visual technology to enhance the atmosphere and extend security to these areas. Here is a list of systems USPL deploys in public spaces:

- ❖ Back Ground Music and Sound Reinforcement – Clear audio.
- ❖ Large format LED displays – Large screens for viewing at a distance.
- ❖ Digital Signage – Promotion, public messages, and data display.
- ❖ Information Kiosks – Interactive self service kiosks.
- ❖ Video Surveillance – Live and recorded security.
- ❖ Surveillance Analytics– Automated alerts for concerning situations.
- ❖ Converged Networks – A single network to carry all media.



TRANSPORTATION

The transportation sector has traditionally been the earliest adopters of converged media technologies. Airports, roads and tunnels have been distributing information to masses for many decades. To this

- ❖ Flight & Baggage Information Systems (FIDS & BIDS) –
- ❖ Tailored to the premises.
- ❖ Digital Signage – For advertising and broadcasting.
- ❖ Surveillance – Monitor with video analytics.
- ❖ Command and Control Centres – Monitor all data and video.
- ❖ Large format displays – LED screens of many meters in size.
- ❖ Specialist security- Long range and IR cameras.



LED DISPLAYS & BUILDING LIGHTING

Led displays and building light have many applications inside and outside building structures these include:

- ❖ **SEARCH LIGHT:** A simple method to draw attention to a structure among others at a long distance.
- ❖ **MEDIA FAÇADE:** A low – resolution moving image or texture having full colour lighting background.
- ❖ **LINEAR LIGHTS:** Full colour linear lighting effect on each floor of a building that can be animated for more attraction.
- ❖ **LIGHT FLOOD:** 16.7 million additive RGB colours light flood effect above a building façade.
- ❖ **MEDIA SCULPTURE:** Full colour media sculpture supporting low to middle resolution video contents Applicable on a discontinuous separated building façade.
- ❖ **MEDIA BOARD:** Traditional full colour media board supporting middle to high resolution video content. Used mainly for advertising or media.



VIDEO WALL

Video walls, as the name suggests, are large surfaces used to display video. Unlike projectors, video wall resolution is much higher for larger spaces displaying text clearly as well as smaller video windows as in surveillance or tv broadcast control rooms. These long life, no burn-in , auto-calibrating video wall displays are most commonly used in:

- ❖ Elaborate monitoring centres (i.e. Network or transport & monitoring)
- ❖ Utility and Telecom companies
- ❖ Broadcast Studios and control rooms
- ❖ Police and Civil Defence Control Rooms (Incident Rooms)
- ❖ Aerospace and Airport Control Rooms
- ❖ Retail shop fronts and Interior design
- ❖ Amusement parks and arcades
- ❖ Museums
- ❖ Concerts



DIGITAL SIGNAGE

Digital signage is any electronic signage from mono-colour led to full video screen. Dynamic digital signage is the generic name for digital signage that works dynamically with a server / client infrastructure that enables the user to schedule any possibility from a single point to display information (video, picture, flash and text) at any time on any screen of the network and add, if needed some user's interactivity interfacing behind . Distribution , scheduling , management and display of information or advertisements have become a major booster for businesses today. These systems are used for information as well as it is a advertising revenue generation . Digital information displays can highlight the important events and messages for customers and staff. These displays can be interfaced with the organization's database to display linked information like exchange rates, stock values as well. Such systems have a wide variety of applications:

- ❖ Hotels (Dynamic in-house advertising, way finding & conference agendas)
- ❖ Shopping Malls (Dynamic advertising and way finding)
- ❖ Airports (Flight Information Digital Signage and way finding)
- ❖ Retail outlets (Dynamic advertising and interactive attractions)
- ❖ Amusement parks (Dynamic Signage and way finding)
- ❖ Museums
- ❖ Petrol Stations
- ❖ Corporate Offices (Dynamic advertising and conference agendas)
- ❖ Conference Facilities (Meeting Room Management)



VIDEO CONFERENCING

→ The next best thing to face to face communication

- ❖ A video conference is a live, visual connection between two or more people residing in separate locations for the purpose of communication.
- ❖ Video conferencing provides transmission of static images and text between two locations, full-motion video images and high quality audio between multiple locations.
- ❖ The tangible benefits of video conferencing include lower travel costs especially for employee training and shortened project times as a result of improved communications among team members.
- ❖ The intangible benefits of video conferencing include more efficient meetings with the exchange of non verbal communications and a stronger sense of community among business contacts, both within and between companies, as well as both customers.



GPS CLOCK

Clock that adhere to modern times. USP provides superior grade GPS clocks for applications such as :

- ❖ Airport boarding gates
- ❖ Multinational offices
- ❖ Bus/Railway stations
- ❖ Surveying & mapping

GPS clocks provide synchronized time at any number of locations with highest grade precision and accuracy.



CONVERGED NETWORK & OTHER CABLING

For properties under construction it makes increasingly more sense to build all services on a single network with the capacity to carry a combination of data, voice and video traffic. USPL has chosen the systems covered in the previous sections because, one of the requirements is to run over IP (on a converged network). The components USPL uses in converged networks are:

- ❖ Cable (CAT6 copper or Fibre).
- ❖ Switches and Routers.
- ❖ Wireless Access points.
- ❖ IP Gateways.
- ❖ Triax broadcast cabling - for you
- ❖ Crescent and Digital Media Cabling
- ❖ Audio Cabling.
- ❖ Control Cabling (RS232, Modbus, EIB etc ...)
- ❖ Other specialist cabling.
- ❖ Low latency, encrypted video streaming and management.



TELECOM

The telephone voice service is a core service for all projects can be as simple as a PBX for a hotel or a community voice and video over IP (V2IOP) used in a Smart Community . Here follows a short list of telephony options:

- ❖ Simple private branch exchange (PBX).
- ❖ Hotel Telephony (PBX or IP) integrated with billing.
- ❖ Wireless IP Telephony for free in property wireless communication.
- ❖ Voice Mail.
- ❖ Integrated Telephony (IVR for smart homes and access control).



SECURITY & ACCESS CONTROL

Security of a property is an important feature that is integrated in different ways for each type of property. For most of our projects the main security requirements are:

- ❖ Video Surveillance
- ❖ Access Control
- ❖ Motion Sensors
- ❖ Specialist Surveillance Video Walls for viewing 100s of video feeds.
- ❖ Video Archiving and Remote Access to surveillance media
- ❖ Video Analytics to help detect crime
- ❖ Telephone Systems integration for operation via the phone



INTERACTIVE DIGITAL KIOSK

- ❖ Increase the convenience & speed of the check-in process for passengers and patients or hotel guests.
- ❖ Handle high traffic applications and automate many of the tasks that staff members normally have to process.
- ❖ Increase efficiency and patient satisfaction in emergency departments, waiting rooms and ambulatory settings. They can easily check-in & out, perform payment transactions, confirm insurance information electronically sign documents.



DIGITAL PODIUM

Welcome to the Future of Public Speaking with Our Digital Podium

- ❖ A digital podium is a computerized presentation tool that helps speakers and presenters deliver more effective lectures, speeches, and presentations.
- ❖ **Speakers**
Captivate your audience with impactful presentations and dynamic content.
- ❖ **Educators**
Enhance your teaching methods with interactive lessons and engaging visuals.
- ❖ **Business Professionals**
Make a lasting impression in boardrooms and conference halls.



INTERACTIVE PANEL

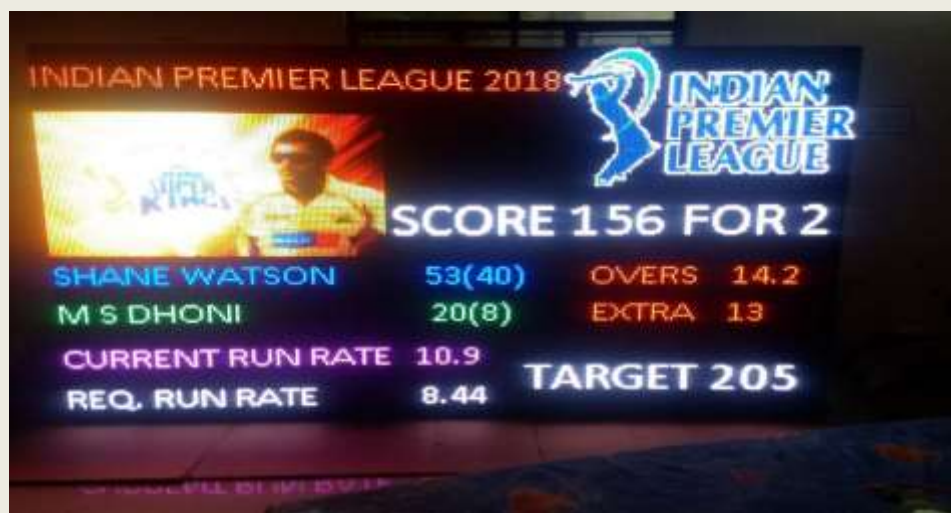
- ❖ Enhanced Productivity and boost efficiency with intuitive features of **UDDS Interactive Flat Panel**
- ❖ can be wall-mounted or placed on a stand, and they come in a variety of sizes. They can have built-in audio and video capabilities, and some have multi-touch functionality that allows multiple users to interact with the display simultaneously.
- ❖ It can be used in classrooms to enhance lessons, engage students, and promote collaboration. They can be used as a digital whiteboard, to access learning platforms, and for remote learning



SOME OF OUR ACHIEVMENTS

- ❖ Development & Installation of a state-of-the-art flight information display system (FIDS). USPL is one of the only two companies in India that has in-house proprietary software for FIDS.
- ❖ Development & Installation of state of the art weather information display system (WIDS).
- ❖ First to start Rental of EPABX up to 2000 PORTS.
- ❖ First In third party maintenance of ANY BRAND.
- ❖ Installation / Commissioning and Maintenance of EPABX UPTO 1344 LINES.
- ❖ Designing and implementation of LAN networking.
- ❖ Supply / installation / maintenance of batteries of various ratings at AAI in J&K, Punjab, UP, UK and other parts of northern region.
- ❖ Development of IOT-based monitoring & control devices for applications across several industries.
- ❖ Cloud-based Digital signage solutions for Several government organizations such as pollution control board for real-time display of critical environmental parameters across India.
- ❖ Supply / installation / maintenance of CCTV system.
- ❖ Supply / installation / maintenance of Video wall.
- ❖ Supply / installation / maintenance of various Board room and conference room.
- ❖ Supply / installation / maintenance of up to 45 Meter Communication Mast.
- ❖ Digital signage solutions at multiple locations
- ❖ War room setup for Ministry of Defence







PARAMETERS	VALUE	STANDARD
PM 2.5	51 $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$ 24 Hrs
PM 10	247 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$ 24 Hrs
SO ₂	23.8 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$ 24 Hrs
NO ₂	32.6 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$ 24 Hrs



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